



UNIVERSITI
TEKNOLOGI
MARA

Institute
Of Continuing
Education &
Professional Studies

PREPARATION FOR LIFE STARTS HERE



iCEPS

INSTITUTE OF CONTINUING
EDUCATION & PROFESSIONAL STUDIES

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Institute of Continuing Education & Professional Studies (iCEPS)
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ABOUT iCEPS

As one of the leading and trusted Malaysia's higher education providers, the Institute of Continuing Education and Professional Studies (iCEPS) is committed to catering to for the learning needs of learners from all stages of life across a diverse range of interests. Established in 1973, iCEPS celebrates more than four decades of providing opportunities for working adults to undergo and obtain a quality tertiary education. It strives to nurture knowledgeable and competent learners with high moral standards, so that they will be responsible and capable to achieve a high level of personal well-being. With the motto of "Preparation for Life", iCEPS aims to create outstanding education through accessible, customized and flexible lifelong learning programmes.

PROFESSIONAL DEVELOPMENT AND SHORT COURSES

iCEPS provides high quality career advancement courses needed for professional growth and success in the ever-shifting working climate. We offer professional development and short courses which will be delivered through innovative training. We also design and tailor content to match individual needs.



GIVE YOU
FUTURE

SCIENCE & TECHNOLOGY COURSES

Electrical Engineering

Pharmacy

Plantation &
Agrotechnology

Applied Sciences

Mechanical Engineering

Medicine

Computer &
Mathematical Sciences

Chemical Engineering

Dentistry

Architecture, Planning
& Surveying

Civil Engineering

Health Sciences

Sports Science
& Recreation

ELECTRICAL ENGINEERING

- DESIGN OF GRID - CONNECTED SOLAR PHOTOVOLTAIC SYSTEM
- TESTING, OPERATION AND MAINTENANCE OF GRID - CONNECTED PHOTOVOLTAIC SYSTEM
- DESIGN OF STAND - ALONE PHOTOVOLTAIC SYSTEM
- TESTING, OPERATION AND MAINTENANCE OF STAND - ALONE PHOTOVOLTAIC SYSTEM
- NETWORKING ESSENTIAL
- INTRODUCTION TO IOT
- IT ESSENTIAL
- INTRODUCTION TO CYBERSECURITY
- ENERGY AUDIT AND SUSTAINABLE ENERGY MANAGEMENT TRAINING
- PHYSICAL VAPOR DEPOSITION (PVD) SYSTEM TRAINING PROGRAM: : INTRODUCTION TO SYSTEM AND COATING PROCESS
- TRAINING PROGRAM ON FABRICATION AND CHARACTERIZATION OF NANOMATERIAL-BASED SENSOR
- ELECTROCHEMISTRY DEPOSITION AND ELECTROCHEMICAL IMPEDANCE SPECTRA TRAINING
- LABORATORY TECHNIQUES AND SAFETY PROCEDURES FOR CLEANROOM

CIVIL ENGINEERING

- CIVIL ENGINEERING HYDRAULIC LAB
- FLUID MECHANICS LABORATORIES
- A PREVENTION THOUGH DESIGN WORKSHOP FOR TRAINING SITE SUPERVISORS ON SAFETY RESPONSIBILITIES
- A RISK ASSESSMENT WORKSHOP FOR CONSTRUCTION SAFETY AMONG SITE SUPERVISORS
- ENVIRONMENTAL LABORATORIES FOR WATER QUALITY DETERMINATION
- HANDS - ON TRAINING ON ASPHALT MIX DESIGN
- WORKSHOP ON CONCRETE MIXES DESIGN
- WORKSHOP ON CONCRETE AND CEMENT TESTING
- WORKSHOP ON NAT FOR CONCRETE STRUCTURE
- WORKSHOP ON BRICK WALL DESIGN
- TRAINING ON ADVANCED SOIL TESTING ON TRIAXIAL AND SHEAR BOX TESTING
- SHORTCOURSE ON GEOMATERIALS : ROCK TESTING AND CHARACTERIZATION, HANDS - ON TESTING AND ANALYSIS
- ROAD SAFETY AND TRAFFIC CONFLICT TECHNIQUE

APPLIED SCIENCE

- TEXTILE MATERIALS AND EVALUATION
- INTRODUCTION TO INJECTION MOULDING
- SENSORY EVALUATION OF FOOD
- BIOPLASTICS AND ADDITIVES MANUFACTURING/PROCESSING

CHEMICAL ENGINEERING

- CONCEPTS OF RISK AND HAZARD IDENTIFICATION
- RISK MITIGATION MEASURES
- TRAINING FOR ENVIRONMENTAL PRACTITIONERS IN INDUSTRIAL EFFLUENT TREATMENT SYSTEM OPERATION
- BASIC QUANTITATIVE RISK ASSESSMENT FOR THE MAJOR HAZARD INSTALLATION IN INDUSTRIAL PLANT
- BASIC EMERGENCY RESPONSE PLAN
- INDUSTRIAL WASTEWATER DESIGN & TREATMENT
- BASIC HAZOP STUDY
- HAZARD IDENTIFICATION RISK ASSESSMENT AND RISK CONTROL
- HAZARD ANALYSIS METHOD
- FUNDAMENTAL OF PIPELINE CORROSION IN CO₂ (SWEET) AND H₂S (SOUR) ENVIRONMENT AND MITIGATION METHOD PLANT
- BASIC AIR POLLUTION CENTRAL & DESIGN TREATMENT

ARCHITECTURE, PLANNING & SURVEYING

- ESSENTIAL OF PARK PLANNING AND MANAGEMENT
- INTRODUCTION TO CORPORATE REAL ESTATE ENTERPRISE RISK MANAGEMENT FRAMEWORK FOR BUSINESS ORGANISATIONS
- CONTEMPORARY WAQF LAND DEVELOPMENT APPROACH
- PROPERTY DEVELOPMENT
- INTRODUCTION TO GEOGRAPHICAL INFORMATION SYSTEM (GIS)
- SPATIAL ANALYSIS AND MODELLING
- GIS AND REMOTE SENSING SHORT COURSE
- DRONE FOR MAPPING
- ADVANCES REMOTE SENSING AND DIGITAL IMAGE PROCESSING
- ADVANCED GIS – SPECIALISED TRAINING FOR VARIOUS APPLICATIONS SUCH AS CRIME MAPPING, URBAN CLIMATE MODELLING, DISASTER MANAGEMENT, URBAN PLANNING, ENVIRONMENTAL MANAGEMENT, TRANSPORT PLANNING, FLOOD MAPPING AND MODELLING AND SMART CITY
- LIDAR MAPPING AND APPLICATIONS
- GIS SPATIAL DATA ACQUISITION AND MANAGING GEOSPATIAL DATABASE
- BIG DATA ANALYTICS WITH R
- 3D GIS AND GEOVISUALIZATION
- MOBILE MAPPING WITH GPS AND SMARTPHONE APPS
- BASIC GUIDE TO INVESTING IN MALAYSIA PROPERTY MARKET
- INTRODUCTION TO MALAYSIAN LANDSCAPE ARCHITECTURE
- URBAN DESIGN AND PLACE MAKING
- ISLAMIC TOURISM PLANNING
- INFRASTRUCTURE & TRANSPORTATION PLANNING
- SMART CITY PLANNING
- MULTICRITERIA DECISION MAKING IN DEVELOPMENT PLAN
- LANDSCAPE MAINTENANCE
- LANDSCAPE AND URBAN FOREST MANAGEMENT
- URBAN LANDSCAPE DESIGN
- SUSTAINABLE STORMWATER MANAGEMENT
- CULTURAL LANDSCAPE DESIGN
- TROPICAL WETLAND DESIGN
- RESIDENTIAL LANDSCAPE DESIGN
- PLANT IDENTIFICATION
- BUILDING INFORMATION MODELLING TECHNOLOGY FOR BUILDING MEASUREMENT AND COSTING
- PROCUREMENT AND TENDERING STRATEGIES
- ETHICS FOR ROFESSIONALS
- BUILDING FORENSIC
- BUILDING MAINTENANCE AND DEFECTS MANAGEMENT
- 3D DATA CAPTURING USING TERRESTRIAL LASER SCANNER
- POSITIONING USING GLOBAL NAVIGATION SATELLITE SYSTEM
- SINGLE BEAM ECHO SOUNDER FOR BATHYMETRIC SURVEY
- INTRODUCTION TO THE MIXED ASSET PORTFOLIO PERFORMANCE
- PROPERTY INVESTMENT APPRAISAL
- MARKET AND FEASIBILITY STUDY
- BASIC CONSTRUCTION ECONOMICS AND BUILDING ESTIMATES
- ESTATE AGENCY AND MARKETING
- PROPERTY DEVELOPMENT
- PROPERTY MANAGEMENT
- SUSTAINABLE PROPERTY MANAGEMENT
- ALTERNATIVE DISPUTE RESOLUTION
- ARBITRATION
- ADJUDICATION
- MEDIATION

MECHANICAL ENGINEERING

- PROFESSIONAL COURSE ON MAINTENANCE AND SERVICES OF MEDICAL FACILITY EQUIPMENT
- PROFESSIONAL COURSE ON MAINTENANCE AND A SERVICES OF HEAT VENTILATION AIR CONDITIONING (HVAC) TECHNOLOGYA
- PROFESSIONAL COURSE ON MAINTENANCE AND SERVICES OF AUTOMOTIVE TECHNOLOGY
- PROFESSIONAL COURSE ON OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)
- PROFESSIONAL COURSE ON SPSS OF QUALITY ASSURANCE OF HALAL FOOD MANAGEMENT

PLANTATION & AGROTECHNOLOGY

- e-AGRICULTURAL MARKETING
- AGRIBUSINESS SUPPLY CHAIN MANAGEMENT
- PLANT PROPAGATION AND NURSERY MANAGEMENT
- TECHNIQUES AND INSTRUMENTATION IN BIOTECHNOLOGY
- SEED TECHNOLOGY

COMPUTER & MATHEMATICAL SCIENCES

- ADVANCED CYBERSECURITY
- PRINCIPLE OF RISK MANAGEMENT, INSURANCE AND TAKAFUL
- INTRODUCTION TO DATABASE/DBMS
- DATA ANALYTICS WITH WEKA
- DATA MANAGEMENT AND ANALYSIS FOR PRACTITIONERS - A PRACTICAL APPROACH
- CCNA CYBEROPPS (CISCO) **
- CCNA CYBERSECURITY (CISCO) **
- PREDICTIVE ANALYTICS USING RAPID MINER
- BIG DATA ANALYTICS USING IBM SPSS MODELER
- DATA ANALYTICS USING EXCEL
- SENTIMENT ANALYSIS USING WEKA
- HIGH PERFORMANCE COMPUTING & PARALLEL PROCESSING
- SOFTWARE DEFINED NETWORK & CLOUD COMPUTING
- DIGITAL FORENSIC

PHARMACY

- QUALITATIVE & QUANTITATIVE ANALYSIS OF PHARMACEUTICAL PRODUCTS

SPORTS SCIENCE & RECREATION

- EVENT MANAGEMENT
- OUTDOOR AND RECREATION MANAGEMENT
- LEISURE AND DISABILITIES
- TOURISM PLANNING AND MANAGEMENT
- SPORT MARKETING MANAGEMENT
- SPORTS FACILITIES OPERATION MANAGEMENT
- FOUNDATION TO LEISURE AND RECREATION
- PHYSICAL FITNESS AND WELLNESS
- LEADERSHIP IN RECREATION
- PREVENTION AND CARE OF SPORT INJURIES
- EXERCISE NUTRITION
- EXERCISE PSYCHOLOGY
- APPLIED SPORTS COACHING

HEALTH SCIENCES

- FOOD HYGIENE AND ENFORCEMENT
- ANTIMICROBIAL COATING FOR FOOD SUPPLY CHAIN
- HALAL TESTING USING MOLECULAR TECHNIQUES IN PROCESSED FOODS
- INTRODUCTION TO BASIC LABORATORY TECHNIQUES
- COGNITIVE STIMULATIONS FOR OLDER PERSON
- LABORATORY ANALYSIS OF MEDICINAL PLANTS
- BASIC MICROSCOPIC EXAMINATION ON BENIGN AND MALIGNANT HUMAN CELL
- DOSE MANAGEMENT IN CT
- MATERIAL ANALYSIS USING MICRO CT
- RADIOGRAPHIC IMAGE EVALUATION USING PACEMAN

SOCIAL SCIENCE & HUMANITIES COURSES

Communication &
Media Studies

Education

Law

Academy of
Language Studies



COMMUNICATION & MEDIA STUDIES

- BASIC 2D ANIMATION
- RADIO & TELEVISION PRESENTATION
- MOBILE JOURNALISM (MOJO)
- MEDIA RELATIONS

EDUCATION

- STRESS MANAGEMENT
- MOTIVATION FOR PRODUCTIVE WORKERS
- COACHING AND MENTORING AT THE WORKPLACE
- BUSINESS ENGLISH COMMUNICATION
- BUSINESS CORRESPONDENCE
- PRACTICAL RESEARCH SKILLS
- BUSINESS PRESENTATION
- INTERPERSONAL SKILLS FOR EFFECTIVE INTERACTIONS
- BASIC COUNSELLING SKILLS FOR HEALTHY RELATIONSHIPS
- CHEMICAL WASTE MANAGEMENT
- HAZARD REGISTER
- INTRODUCTION TO CHEMICAL INVENTORY
- BASIC OCCUPATIONAL FIRST AID
- CHEMICAL HAZARD MONITORING
- BIOLOGICAL HAZARD ASSESSMENT
- HIRARC/JSA REPORT

LAW

- THE LAWS OF ARTIFICIAL INTELLIGENCE AND PERSPECTIVES ON GOVERNANCE

ACADEMY OF LANGUAGE STUDIES

- ENGLISH FOR SPEAKING
- ENGLISH FOR WRITING
- PERSUASION AND NEGOTIATION
- ORAL PRESENTATION

BUSINESS & MANAGEMENT COURSES

Accountancy

Business &
Management

Hotel &
Tourism Management

Information
Management

Arshad Ayub
Graduate School

ACCOUNTANCY

- INTRODUCTION TO FINANCIAL ACCOUNTING AND REPORTING MODULE 1
- INTRODUCTION TO FINANCIAL ACCOUNTING AND REPORTING MODULE 2
- INTRODUCTION TO FINANCIAL ACCOUNTING AND REPORTING MODULE 3
- INTRODUCTION TO FINANCIAL ACCOUNTING AND REPORTING
- INTRODUCTION TO COST ACCOUNTING MODULE 1
- INTRODUCTION TO COST ACCOUNTING MODULE 2
- INTRODUCTION TO COST ACCOUNTING

BUSINESS & MANAGEMENT

- EFFECTIVE HUMAN RESOURCE MANAGEMENT FOR NON-HR PRACTITIONERS
- RISK MANAGEMENT AND INSURANCE
- FINANCE FOR NON-FINANCE
- TALENT MANAGEMENT AND YOU
- TRAINING GUIDE FOR CHANGE AGENT(S) IN ORGANIZATION
- DIGITAL MARKETING FOR BEGINNERS
- INTERMEDIATE DIGITAL MARKETING
- ADVANCED DIGITAL MARKETING
- DIGITAL ENTREPRENEURSHIP FOR BEGINNERS
- MARKETING PLAN FOR BEGINNERS
- MARTIAL ARTS FOR THE MIND
- DATABASE DESIGN USING MYSQL APPROACH FOR NON-IT BACKGROUND
- BASIC ANALYTICS FOR BUSINESS DECISION MAKING

HOTEL & TOURISM MANAGEMENT

- ISLAMIC TRAVEL AND TOUR MANAGEMENT
- ISLAMIC TOURISM AND DESTINATION MANAGEMENT
- EVENT AND M.I.C.E PLANNING AND MANAGEMENT
- ISSUES IN HALAL GASTRONOMY
- CULINARY HERITAGE STUDIES
- STRATEGIC MARKETING IN HALAL FOOD BUSINESS
- FRONT OFFICE AND CUSTOMER SERVICE
- HOUSEKEEPING MANAGEMENT
- FOOD AND BEVERAGE SERVICE MANAGEMENT
- MENU DESIGN AND ENGINEERING
- HALAL FOOD AND QUALITY STANDARD IN FOODSERVICE ORGANIZATION
- HALAL FOODSERVICE SYSTEM

INFORMATION MANAGEMENT

- MOBILE APPLICATIONS DEVELOPMENT
- FUNDAMENTALS OF BLOCKCHAIN APPLICATION
- DIGITAL LIBRARY MANAGEMENT SYSTEM
- ORGANIZATIONAL RECORDS MANAGEMENT

ARSHAD AYUB GRADUATE BUSINESS SCHOOL

- FUNDAMENTAL OF SHARIAH IN ISLAMIC FINANCE
- ASSOCIATE QUALIFICATION IN ISLAMIC FINANCE

PROFESSIONAL, LEADERSHIP & EXECUTIVE COURSES

iCEPS in collaboration with globally-recognised market leaders in learning and development is offering comprehensive globally recognised certification courses targeting specific needs in the workforce

PROFESSIONAL COURSES

- Dronagogy: Drone Based Learning for Education 5.0 (Basic)
- Dronagogy: Drone Based Learning for Education 5.0 (Intermediate)
- Dronagogy: Drone Based Learning for Education 5.0 (Advanced)
- Gamification and Game Based Learning: Simple steps, Useful Tools and Practical Idea
- Interactive Learning in a Non Interactive Hall
- Mobile Devices for Teaching and Productivity
- Statistical Package for the Social Sciences (SPSS) Workshop
- Econometric Modelling and Analysis (E-Views) Workshop
- NVIVO 11

LEADERSHIP & EXECUTIVE COURSES

- The Board of Directors' Programme
- Developing Management Programme
- Managing People and Organizational Change
- Advanced Professional Leadership Programme
- Advanced Management Programme
- Project Management (Construction)

PROFESSIONAL CERTIFICATION

- ◆ IIBA Entry Certification in Business Analysis
- ◆ IWFM L3 Award Qualification in Facilities Management
- ◆ Prince2 Practitioners Certification
- ◆ Unity Fundamentals in Virtual Reality
- ◆ SAP Certifications- Finance/HR/Technical
- ◆ Siemens Mechatronic System Certifications
- ◆ Siemen Industry 4.0 Smart Manufacturing
- ◆ Siemen Industry 4.0 Smart Automation- Hydraulics & Pneumatics
- ◆ Siemen Industry 4.0 Smart Controls & Sensors
- ◆ Siemen Industry 4.0 RFID Technology

LEADERSHIP & EXECUTIVE PROFESSIONAL CERTIFICATION



EXECUTIVE EDUCATION
PROGRAMME



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UNIVERSITY
PERTH, WESTERN AUSTRALIA

CRANFIELD GLOBAL
LEADERSHIP PROGRAMME

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